



LAHIVE
&
COCKFIELD

L.L.P.

COUNSELLORS AT LAW
28 STATE STREET
BOSTON, MASSACHUSETTS 02109-1784
TELEPHONE (617) 227-7400
FAX (617) 742-4214
lc@lahive.com

JOHN A. LAHIVE, JR. (1928-1997)
THOMAS V. SMURZYNSKI
RALPH A. LOREN
GIULIO A. DeCONTI, JR.
ANN LAMPORT HAMMITTE
ELIZABETH A. HANLEY
AMY BAKER MANDRAGOURAS
ANTHONY A. LAURENTANO
KEVIN J. CANNING
JANE E. REMILLARD
DeANN FORAN SMITH
PETER C. LAURO
JEANNE M. DIGIORGIO
DEBRA J. MILASINCIC, Ph.D.
DAVID J. RIKKERS
DAVID R. BURNS
JOHN S. CURRAN
SEAN D. DETWEILER

CYNTHIA L. KANIUK, Ph.D.
MEGAN E. WILLIAMS, Ph.D.
RICHA NAND
LISA M. DIROCCO
HATHAWAY P. RUSSELL *
MARIA LACCOTRIPE ZACHARAKIS, Ph.D.
VINCENT P. LOCISANO
MERIDETH C. ARNOLD
DANIELLE L. HERRITT
EUIHOON LEE **
SENIOR COUNSEL
JAMES E. COCKFIELD

OF COUNSEL
JEREMIAH LYNCH
WILLIAM A. SCOFIELD, JR.
SIBLEY P. REPPERT

PATENT AGENTS
THEODORE R. WEST
SHAYNE Y. HUFF, Ph.D.

TECHNICAL SPECIALISTS
CYNTHIA M. SOROS
PETER W. DINI, Ph.D.
CATHERINE M. BISHOP
JACOB G. WEINTRAUB
JONATHAN M. SPARKS, Ph.D.
CRISTIN E. HOWLEY, Ph.D.
JILL ANN MELLO, Ph.D.

* Admitted in TX only
** Admitted in CT only

Box Non-Fee Amendment
Commissioner for Patents
Washington, D.C. 20231

February 5, 2003

Re:U.S. Patent Application Serial No. 09/966,604

Title: *A Probe Assembly for Detecting an Ion
in a Plasma Generated in an Ion Source*

Filed: September 27, 2001

Inventor: Victor M. Benveniste

Attorney Docket No.: ETE-025

RECEIVED
FEB 13 2003
TECHNOLOGY CENTER 2800

Dear Sir:

I enclose herewith for filing in the above-identified application the following:

1. Response (10 pages);
2. Duplicate of page 10;
3. Figure 1 (1 page); and
4. Postcard

Please charge any necessary fees to our Deposit Account No. 12-0080. The undersigned requests any extensions of time necessary to respond. *A duplicate of this sheet is enclosed.*

Certificate of First Class Mailing (37 CFR 1.8(a))

I hereby certify that this correspondence is deposited with the United States Postal Service as first class mail in an envelope addressed to: Box Non-Fee Amendment, Commissioner for Patents, Washington, DC 20231 on:

February 5, 2003

Date

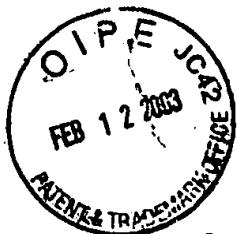
Sean D. Detweiler, Reg. No. 42,482

Respectfully submitted,

LAHIVE & COCKFIELD, LLP



Sean D. Detweiler, Esq.
Reg. No. 42,482



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : V. M. BENVENISTE
Serial Number : 09/966,604
Filed : September 27, 2001
For : A PROBE ASSEMBLY FOR DETECTING AN ION IN A
PLASMA GENERATED IN AN ION SOURCE

25/Response
LH
2/19/03

Group Art Unit : 2858
Examiner : HE, AMY
Paper Number :

Docket Number : ETE-025

**RESPONSE TO OFFICE ACTION
(AMENDMENT A)**

Certificate of First Class Mailing (37 CFR §1.8(a))

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Box Non-Fee Amendment, Commissioner for Patents, Washington, D.C. 20231, on the date set forth below.

February 5, 2003

Date of Signature and of
Mail Deposit

By: 
Sean D. Detweiler
Reg. No. 42,482
Attorney for Applicants

Box Non-Fee Amendment
Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

In response to the official office action mailed November 5, 2002, entry of the
below amendments, consideration of the remarks provided, and reconsideration of the
application are respectfully requested.

FEB 13 2003
RECEIVED
TECHNOLOGY CENTER 2200